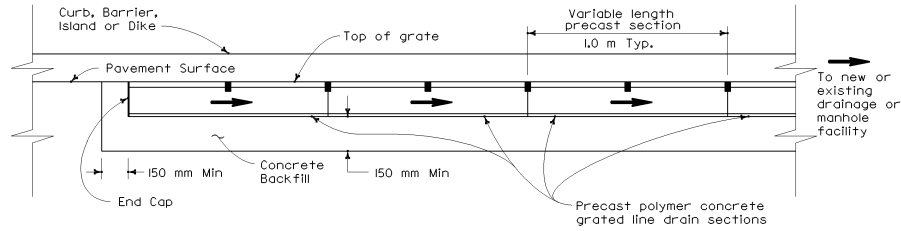
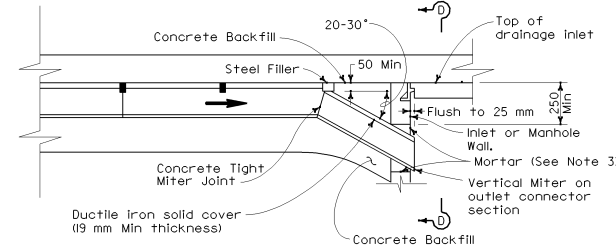


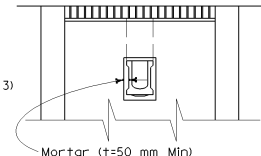
GRATED LINE DRAIN PLAN



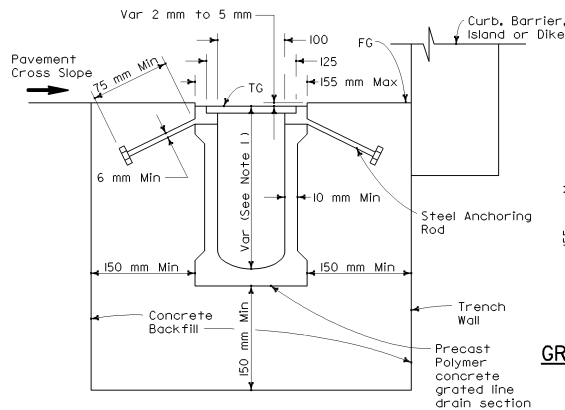
SECTION A-A
(See Note 1)



SECTION C-C

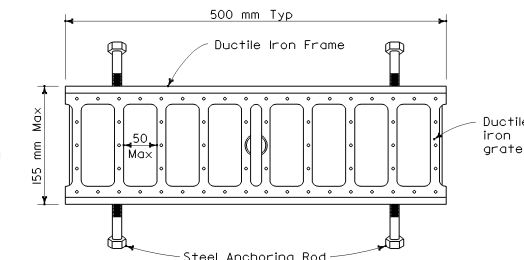


SECTION D-D



SECTION B-B

(Precast grated line drain with non-integral frame)
See Note 6



GRATED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5 and 6

NOTES

1. Precast polymer concrete drain sections are available in non-sloped uniform depth sections (135 mm to 300 mm) or in 0.6 percent pre-sloped sections with graduated depths from 135 mm to 300 mm. See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance $\pm 2\%$.
3. For CMP inlet connection, field joint sealed with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1 1/2 part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be 12.7 mm.
5. Grate patterns may vary from detail shown. See Special Provisions for requirements.
6. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

GRATED LINE DRAIN DETAILS

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

D98C



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Paul R. Davies
REGISTERED CIVIL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

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